

P21189.A04



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Norio NUMAKO
Group Art Unit: 2872
Appln. No. : 09/961,186
Examiner: Arthur A. SMITH
Filed : September 24, 2001
For : LENS DRIVE CONTROL APPARATUS FOR ZOOM LENS SYSTEM
HAVING A SWITCHING LENS GROUP

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, § 1.97-1.98 and Supplemental to the Information Disclosure Statements filed in the instant application on March 8, 2002 and May 1, 2003, Applicant hereby calls the following documents to the Examiner's attention.

- (1) U.S. Patent No. 6,512,638 to SATO et al., issued on January 28, 2003;
- (2) U.S. Patent Application Publication No. 2002/0036836 to HAGIMORI, published on March 28, 2002;
- (3) U.S. Patent No. 4,227,792 to RENTSCHLER, issued on October 14, 1980;
- (4) U.S. Patent No. 6,089,760 to TERADA, issued on July 18, 2000;
- (5) U.S. Patent No. 5,892,998 to KODAIRA et al., issued on April 6, 1999;
- (6) U.S. Patent No. 6,125,237 to PARK, issued on September 26, 2000;
- (7) U.S. Patent No. 4,426,145 to HASHIMOTO, issued on January 17, 1984;
- (8) U.S. Patent No. 4,839,680 to AMADA et al., issued on June 13, 1989;

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(9) U.S. Patent 4,922,274 to YAMAMOTO et al., issued on May 1, 1990;

(10) U.S. Patent No. 6,176,627 to SUH, issued on January 23, 2001.

The above-mentioned documents were cited by the Examiner in related co-pending, commonly assigned patent application nos. 09/960,382 (i.e., documents (1) and (2)); 10/101,150 (i.e., documents (3) and (4)); 10/101,062 (i.e., documents (5) and (6)); and 10/101,149 (i.e., documents (7)-(10)), which are one of 21 related applications and are being submitted in accordance with a discussion with (SPE) Ms. Georgia Epps, on April 9, 2003, in order to disclose all documents which were cited by the Examiners in the 12 related co-pending, commonly assigned U.S. Patent Applications filed on the same day (September 24, 2001), which were cross referenced in the Information Disclosure Statement filed in the instant application on March 8, 2002, and the remaining related co-pending, commonly assigned U.S. Patent Applications which were cited in the Information Disclosure Statement filed in the instant application on May 1, 2003. Thus, Applicant presumes that the Examiner has considered the above-noted documents during his review of the file of related Application Nos. 09/960,382; 10/101,150; 10/101,062; and 10/101,149.

Applicant respectfully requests that the Examiner consider the above materials and cite the patent documents. The above-noted documents have been listed on a PTO-1449 Form which is attached hereto. Further, Applicants' previously submitted copies of each of the above-noted documents in a Completion of Record filed in the present application on June 16, 2003, which the Examiner acknowledged receipt of in the Office Communication dated August 15, 2003. Thus, copies of the above-noted documents are not necessary and are not being provided. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to

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return a copy of the Form to the Applicant with the next official communication in the present application to confirm consideration of these documents.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

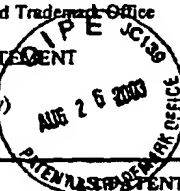
Respectfully submitted,
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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P21189	Serial No. 09/961,186
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					
				Applicant Norio NUMAKO	
Filing Date September 24, 2001				Group 2872	

PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6	5	1	2	6	3	8	01/28/03	SATO et al.			
	2002/	0	0	3	6	8	3	6	03/28/02	HAGIMORI			
		4	2	2	7	7	9	2	10/14/80	RENTSCHLER			
		6	0	8	9	7	6	0	07/18/00	TERADA			
		5	8	9	2	9	9	8	04/06/99	KODAIRA et al.			
		6	1	2	5	2	3	7	09/26/00	PARK			
		4	4	2	6	1	4	5	01/17/84	HASHIMOTO			
		4	8	3	9	6	8	0	06/13/89	AMADA et al.			
		4	9	2	2	2	7	4	05/01/90	YAMAMOTO et al.			
		6	1	7	6	6	2	7	01/23/01	SUH			

FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

No issue date available.

*6,437,924 08/2002 Azegami
No issue date available.

*6,493,511 12/2002 Sato
No issue date available.

*6,429,979 08/2002 Enomoto
No issue date available.

*6,437,922 08/2002 Enomoto et al.
No issue date available.

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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4-340907	11/1992	JPX		
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

English Language Abstract of JP 4-340907.

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REFERENCES (Page 4) SERIAL NUMBER: 09/960,516
FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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4,918,480	04/1990	Hori		
4,975,725	12/1990	Morisawa		
5,144,352	09/1992	Shono		
5,222,407	06/1993	Sekiguchi		
5,237,357	08/1993	Morisawa		
5,313,244	05/1994	Arai		
5,646,790	07/1997	Kohmoto et al.		
5,671,449	09/1997	Shimizu		
<2,14>5,701,208	12/1997	Sato et al.		
5,708,533	01/1998	Hamasaki		

5,774,748	06/1998 Ito et al.
5,842,057	11/1998 Nomura et al.
4,917,482	04/1990 Ito
4,978,204	12/1990 Ito
4,984,877	01/1991 Ito
5,572,276	11/1996 Hirakawa
*6,028,714	02/2000 Koyama
No issue date available.	

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
2000275518	10/2000	JPX		
8-146296	06/1996	JPX		

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

English Language Abstract of JP 2000-275518.

English Language Abstract of JP 8-146296.

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